

AMENDMENTS TO THE CLAIMS

Pursuant to 37 C.F.R. § 1.121 the following listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) An electronic apparatus for displaying a display signal included in a file, the electronic apparatus comprising:

a display panel;

an image information acquisition unit operable to obtain image information from the file, said image information including information regarding a ~~status~~ an attribute of the display signal;

a lighting unit operable to light said display panel;

a parameter unit operable to generate a parameter based on the image information in combination with ~~and~~ a light state of said lighting unit, and operable to output the generated parameter;

a signal correcting unit operable to correct the display signal using the generated parameter and operable to output the corrected display signal; and

a driving unit operable to drive said display panel based on the corrected display signal.

2. (Original) The electronic apparatus as set forth in claim 1, wherein said parameter includes information used for tone reproduction curve correction.

3. (Previously Presented) An electronic apparatus comprising:

a display panel;

a lighting unit operable to light said display panel,

a parameter adjusting unit operable to, with a variation in a light state of said lighting unit as a trigger, adjust a parameter participating in picture quality so as to conform said light state;

wherein said parameter includes information used for tone reproduction curve correction;

wherein said parameter includes information used for tone reproduction curve correction of at least two of a halftone priority characteristic that gives priority to a middle range and a high range/low range priority characteristic that gives priority to a high range/low range;

a signal correcting unit operable to input a display signal and to correct an input display signal in accordance with an adjusted parameter;

a driving unit operable to drive said display panel on the basis of a corrected display signal;

and

an image information acquisition unit operable to acquire image information about a display signal, wherein:

if acquired image information shows that the display signal includes a great amount of middle ranges, the signal correcting unit makes tone reproduction curve correction according to the halftone priority characteristic; and

if acquired image information shows that the display signal includes a great amount of high ranges/low ranges, the signal correcting unit makes tone reproduction curve correction according to the high range/low range priority characteristic.

an image information acquisition process of obtaining image information from the file, said image information including information regarding a status an attribute of the display signal;

a parameter generating process of generating a parameter based on the image information a parameter unit operable to generate a parameter based on the image information in combination with and a light state of said lighting unit, and operable to output the generated parameter a light state of said lighting unit, and operable to output the generated parameter; and

a signal correcting process of correcting the display signal using the generated parameter and outputting it to the driving unit.

10. (Original) The recording medium recording a program as set forth in Claim 9, wherein the parameter includes information used for tone reproduction curve correction.

11. (Previously Presented) A recording medium recording a program, the program controlling an electronic apparatus that includes a display panel, a lighting unit operable to light the display panel, and a driving unit operable to drive the display panel, the program comprising:

a parameter adjusting process of, with a variation in a light state of the lighting unit as a trigger, adjusting a parameter participating in picture quality so as to conform the light state;

wherein the parameter includes information used for tone reproduction curve correction;

wherein said parameter includes information used for tone reproduction curve correction of at least two of a halftone priority characteristic that gives priority to a middle range and a high range/low range priority characteristic that gives priority to a high range/low range;

a signal correcting process of inputting a display signal and correcting an input display signal in accordance with an adjusted parameter and outputting it to the driving unit; and
an image information acquisition process of acquiring image information about a display signal, wherein:

if acquired image information shows that said display signal includes a great amount of middle ranges, said signal correcting process makes tone reproduction curve correction according to said halftone priority characteristic; and

if acquired image information shows that said display signal includes a great amount of high ranges/low ranges, said signal correcting process makes tone reproduction curve correction according to said high range/low range priority characteristic.

12. (Original) The recording medium recording a program as set forth in Claim 11, wherein said image information acquisition process acquires image information from one of or both of file extension information and file header information about said display signal.

13. (Previously Presented) A recording medium recording a program, the program controlling an electronic apparatus that includes a display panel, a lighting unit operable to light the display panel, and a driving unit operable to drive the display panel, the program comprising:

a parameter adjusting process of, with a variation in a light state of the lighting unit as a trigger, adjusting a parameter participating in picture quality so as to conform the light state;

the parameter including information used for tone reproduction curve correction; and

17-18 (Canceled)

19. (Currently Amended) An electronic apparatus according to claim 1, wherein the status attribute of the display signal includes an indication of at least one of gradation and color system of the display signal.

20. (Previously Presented) An electronic apparatus according to claim 1, further comprising:
a display signal acquisition unit operable to obtain a display signal from the file.

21. (New) The electronic apparatus according to claim 1, wherein the parameter unit is further configured to generate a parameter based on the image information or the image information in combination with the light state of the lighting unit.

22. (New) The recording medium recording a program as set forth in Claim 9, wherein the parameter generating process is further configured to generate a parameter based on the image information or the image information in combination with the light state of the lighting unit.